

Converting Colors

XYZ(70.4101, 52.4910, 95.2277)

Have a look what the booklet for
XYZ(70.4101, 52.4910, 95.2277)
contains.

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Color

**XYZ(70.4101, 52.4910,
95.2277)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EF8
RGB	255, 158, 248
RGB Percent	100%, 62%, 97%
CMY	0.0000, 0.3804, 0.0274
CMYK	0.00, 0.38, 0.03, 0.00
HSL	304°, 100%, 81%
HSV	304°, 38%, 100%
XYZ	70.4101, 52.4910, 95.2277
YIQ	197.2630, 28.9220, 48.5540

Conversions

Conversions Part 2

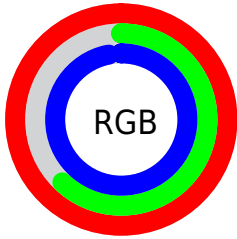
Format	Color
R _Y B	255, 158, 248
Decimal	16752376
CIE Lab	77.57, 49.08, -29.93
CIE LCh	78, 57.485, 328.624
Yxy	52.4910, 0.3228, 0.2406
Android (android.graphics.Color)	4294942456 (0xFFFF9EF8)
YUV	197.2630, 25.0133, 50.6353
Hunter-Lab	72.4507, 46.6839, -27.2141

Details

The XYZ color **70.4101, 52.4910, 95.2277** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **56.6537, 81.5065, 48.3460**, and the grayscale version is **53.0724, 55.8363, 60.8057**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **37.3802, 25.5325, 52.2483** is the 20% darker color. If you saturate the color by 10%, you get **66.2193, 44.5638, 92.4298**, and if you desaturate by 10%, it is **75.5084, 62.2282, 98.3433**.

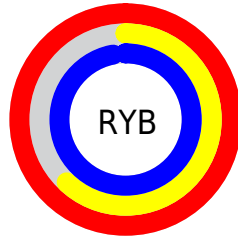
Distribution



Red (100%)

Green (62%)

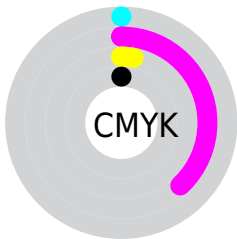
Blue (97%)



Red (100%)

Yellow (62%)

Blue (97%)

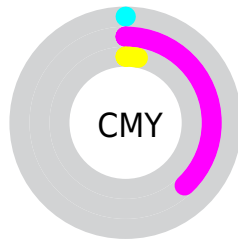


Cyan (0%)

Magenta (38%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4101, 52.4910, 95.2277 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 70.4101, 52.4910, 95.2277 by changing the saturation by 10% instead.


 70.4101, 52.4910,
95.2277


 70.4101, 52.4910,
95.2277


451.2326,
396.3292, 565.8966

 52.1417, 37.3966,
71.7266

 118.8165, 93.8550,
156.5774

 37.3428, 25.5147,
52.4499

 149.6852,
120.8933, 195.2631

 25.6479, 16.4609,
36.9791


185.4848,
152.6817, 239.8474

 16.6917, 9.8509,
24.8956

226.5805,
189.6047, 290.7488

 10.1089, 5.3002,
15.7810

273.3379,
232.0465, 348.3859

 5.5340, 2.4245,
9.2166

326.1221,

 2.6018, 0.8384,

280.3916, 413.1772

4.7840

385.2985,
335.0244, 485.5413

■ 0.9469, 0.0000,
2.0646

■ 0.0000, 0.0000,
0.5946

■ 70.4101, 52.4910,
95.2277

■ 70.4101, 52.4910,
95.2277

■ 66.2193, 44.5638,
92.4298

■ 75.5084, 62.2282,
98.3433

■ 62.8762, 38.3278,
89.9276

■ 81.5621, 73.8719,
101.7906

■ 60.3195, 33.6601,
87.7013

■ 88.6198, 87.5192,
105.5865

■ 58.4780, 30.4183,
85.7271

95.0500, 100.0000,
108.9000

■ 57.2677, 28.4346,
83.9770

■ 56.5746, 27.4808,
82.4130

■ 56.4676, 27.3510,
82.1172

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.8243, 52.4910, 129.3018



70.4101, 52.4910, 95.2277



74.4001, 52.4910, 58.6329

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4101, 52.4910, 95.2277



50.4050, 52.4910, 15.2503



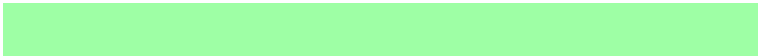
33.4111, 52.4910, 91.7021

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.4101, 52.4910, 95.2277



56.6537, 81.5065, 48.3460

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.4594, 52.4910, 55.6997



70.4101, 52.4910, 95.2277



40.3535, 52.4910, 18.5508

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4101, 52.4910, 95.2277



61.8422, 52.4910, 19.2521



33.8046, 52.4910, 30.8815



39.5884, 52.4910, 126.7908

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



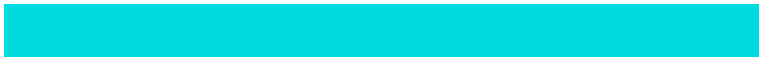
70.4101, 52.4910, 95.2277



72.9594, 52.4910, 39.7786



33.8046, 52.4910, 30.8815



32.2834, 52.4910, 78.9694

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.4113, 52.4931, 95.2288



86.4212, 83.2611, 104.4245



45.6853, 39.6185, 99.8470



18.2889, 17.4173, 22.2396



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4113, 52.4931, 95.2288



67.0024, 46.0378, 92.9752



63.8975, 49.8876, 60.9275



18.7328, 18.2764, 22.4758



29.5295, 14.3011, 43.0342



2.8914, 1.3989, 4.2757

Inverse Universe

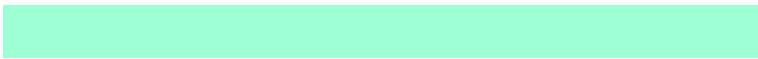
The Inverse Universe completely reimagines the original color for something new.



70.4113, 52.4931, 95.2288



67.0024, 46.0378, 92.9752



61.8680, 83.5922, 75.8044



18.7328, 18.2764, 22.4758



29.5295, 14.3011, 43.0342



2.8914, 1.3989, 4.2757

Previews

White Background



This preview shows how the XYZ color 70.4101, 52.4910, 95.2277 looks on a white background.

Color Contrast Check

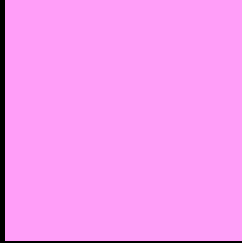
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.4101, 52.4910, 95.2277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

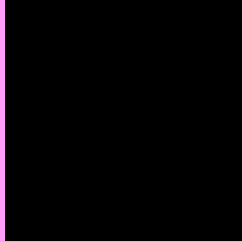
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4101, 52.4910, 95.2277

Background



This preview shows how black text looks on a background with the XYZ color 70.4101, 52.4910, 95.2277.



This preview shows how white text looks on a background with the XYZ color 70.4101, 52.4910,

95.2277.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.4101, 52.4910, 95.2277

Protanopia

53.6970, 52.9311, 101.9943

Deuteranopia

54.0178, 52.6915, 91.3278



Tritanopia

61.5724, 52.3607, 52.2088

Trichromacy



Original Color

70.4101, 52.4910, 95.2277



Protanomaly

58.1197, 51.5656, 98.9854



Deuteranomaly

58.6296, 51.6776, 92.4726



Tritanomaly

64.3230, 52.1014, 65.6979

Monochromacy



Original Color

70.4101, 52.4910, 95.2277



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

58.2416, 53.7303, 72.2671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4101, 52.4910, 95.2277 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 158, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 158, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 248) }
```

Border

The CSS property to change the border of an element to XYZ 70.4101, 52.4910, 95.2277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 158, 248) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 158, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 158, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4101, 52.4910, 95.2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
158, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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